Ref. Certif. No.

SE-108889A1M1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Contactor
Name and address of the applicant	ABB France 11 Rue d'Arsonval 69680 Chassieu FRANCE
Name and address of the manufacturer	Same as applicant
Name and address of the factory Note: *When more than one factory, please report on page 2*	☒ Additional Information on page 2
Ratings and principal characteristics	U_e = 220V / 440V / 500V / 690V; I_e = 17A - 105A I_q = 80kA (690V, 3-pole) or 100 kA (220-440 / 500V) U_i = 690V; U_{imp}=6kV
Trademark / Brand (if any)	ABB
Customer's Testing Facility (CTF) Stage used	-
Model / Type Ref.	AF*40*-30-**-**, AF*52*-30-**-**, AF*65*-30-**-**, AF*40*-40-**-**, AF*40*-22-**-**, AF*52*-40-**-**
Additional information (if necessary may also be reported on page 2)	☒ Additional Information on page 2-3
A sample of the product was tested and found to be in conformity with	IEC 60947-4-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	2300361STO-001

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Torshamnsgatan 43
Box 1103
SE-164 22 Kista, Sweden

Date: 03 May, 2023

intertek

Signature:

Henrik Wikström

Factories

ABB France
11 Rue d'Arsonval,
69680 Chassieu
FRANCE

ABB Xinhui Low Voltage Switchgear Company Ltd
Jinguzhou Industrial Development Zone
Xinhui District, Jiangmen City,
Guangdong Province CN-529100
CHINA

Additional information

Rated conditional short-circuit current, I_q = 80kA (690V, 3-pole) or 100 kA (220-440 / 500V)
Rated insulation voltage, U_i = 690V
Rated impulse withstand voltage, U_{imp}=6kV

Type	AC-1: 690V	AC-3: 220-440V	AC-3: 500V	AC-3: 690V	AC-3e 220-440V	Ac-3e 500V	Ac-3e 690V	AC-4: 220-500V	AC-4: 690V	AC-8a: 400V
AF40-30 (I_e):	70	40	35	25	40	35	25	35*	25	53
AF52-30 (I_e):	100	53	45	35	56	45	35	45*	28	70
AF65-30 (I_e):	105	65	55	39	65	55	39	52*	31	85
AF40-40 (I_e):	70	40	35	25	-	-	-	35	25	-
AF52-40 (I_e):	100	53	45	35	-	-	-	45	28	-
AF40-22 (I_e):	70	40	35	25	-	-	-	35	17	-

*Also includes reversing starter contactor

Date: 03 May, 2023

Signature:

Explanation of type designation
AF*40*-30-**-**, AF*52*-30-**-**, AF*65*-30-**-**,
AF*40*-40-**-**, AF*40*-22-**-**, AF*52*-40-**-**:

AF S 40 – B - 30 – 11 – 13
1 2 3 4 5 6 7

1 = Main designation
AF Contactor AF Range
2 = Application
"blank": standard application
S: contactor for safety applications
3 = Size of contactor
40, 52, 65
4 = Type of material
"blank" = Standard material
B = Contactor for railway applications (special raw plastic)
5 = Number of main contacts
30 = 3 NO- and 0 NC-contacts
22 = 2 NO- and 2 NC-contacts
40 = 4 NO- and 0 NC-contacts
6 = Number of auxiliary contacts
00 = 0 NO- and 0 NC-contacts
04 = 0 NO- and 4 NC-contacts. Mounted as 2nd stack, (only for AFS)
11 = 1 NO- and 1 NC-contacts. Side-mounting
13 = 1 NO- and 3 NC-contacts. Mounted as 2nd stack, (only for AFS)
22 = 2 NO- and 2 NC-contacts. Mounted as 2nd stack
31 = 3 NO- and 1 NC-contacts. Mounted as 2nd stack, (only for AFS)
7 = Coil configuration
11 = 20-60VDC/24-60VAC
12 = 48-130VAC/VDC
13 = 100-250VAC/VDC
14 = 250-500VAC/VDC
41 = 24-60VAC

This certificate replaces CB certificate SE-108889A1 dated 8 September 2022. A new certificate is issued due to new models intended for railway applications.

Date: 03 May, 2023

Signature: